



IFC

S&H Form: (2/01)  
DOCKET NO. 1454.1671

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Franz AUERBACH et al.

Serial No: 10/566,439

Group Art Unit: 2811

Confirmation No. 3860

Filed: January 31, 2006

Examiner:

For: CIRCUIT ARRANGEMENT PLACED ON A SUBSTRATE AND METHOD FOR PRODUCING  
THE SAME

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

It is requested that the order of the Inventors; the City and Country of Inventor 1; the City of Inventors 4, 5, and 6; the Name of Inventor 4; the name of Inventor 6; and the Assignment for Published Patent Application on the Official Filing Receipt be corrected. The order of the Inventors should be correctly reflected as: 1. Franz AUERBACH, 2. Bernd GUTSMANN, 3. Thomas LICHT, 4. Norbert SELIGER, 5. Eckhard WOLFGANG, and 6. Jörg ZAPF, as is evidenced by the Declaration. The city and country of Inventor 1 should be correctly reflected as Villach, Austria, as is evidenced by the Declaration. Assuming that umlauts cannot be printed on the Official Filing Receipt, the City of Inventors 4, 5, and 6 should be correctly reflected as Munich, the English translation of München. The name of Inventor 4 should be correctly reflected as Norbert Seliger, as is evidenced by the Declaration. The name of Inventor 6 should be correctly reflected as Jörg ZAPF, as is evidenced by the Declaration. The umlaut can be substituted by adding the letter "e" after the vowel it accents. Assuming that umlauts cannot be printed on the Official Filing Receipt, the name of Assignor 6 can be written Joerg ZAPF, using traditional English transliteration. The Assignment for Published Patent Application should be inserted to reflect: SIEMENS Aktiengesellschaft, Munich, Germany, as is evidenced by the Assignment. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original receipt on which the errors have been noted in red.

BEST AVAILABLE COPY

It is requested that a corrected Official Filing Receipt be issued in this application.

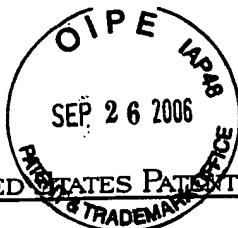
Respectfully submitted,

STAAS & HALSEY LLP

Date: Sept 27 2005

By: M. J. Henry  
Mark J. Henry  
Registration No. 36,162

1201 New York Ave, N.W., 7th Floor  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501



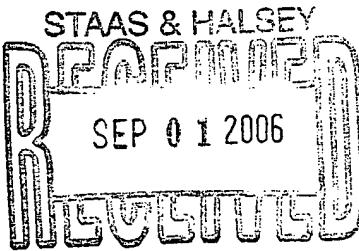
## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/566,439	01/31/2006	2811	900	1454.1671	2	13	2

## CONFIRMATION NO. 3860

21171  
 STAAS & HALSEY LLP  
 SUITE 700  
 1201 NEW YORK AVENUE, N.W.  
 WASHINGTON, DC 20005



## FILING RECEIPT



\*OC000000020163186\*

Date Mailed: 08/24/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Eckhard Wolfgang [Munchen] GERMANY; -- Munich --  
 Franz Auerbach [Soest, GERMANY]; -- Villach, Austria --  
 Bernd Gutsmann, Weyhe, GERMANY;  
 Thomas Licht, Warstein, GERMANY;  
 [Norbert Seliger] [Munchen] GERMANY; -- Norbert -- -- Munich --  
 [Jorg Zapf] [Munchen] GERMANY; -- Joerg -- -- Munich --  
 -- Assignment for Published Patent Application -- SIEMENS Aktiengesellschaft, Munich, Germany  
 Power of Attorney: The patent practitioners associated with Customer Number 21171.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP04/51458 07/12/2004

## Foreign Applications

GERMANY 103 35 153.1 07/31/2003

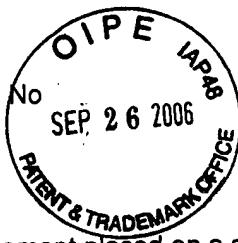
If Required, Foreign Filing License Granted: 08/23/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/566,439

Projected Publication Date: 11/30/2006

Non-Publication Request: No

Early Publication Request: No



Title

Circuit arrangement placed on a substrate and method for producing the same

Preliminary Class

257

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

### LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

#### GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted

under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**Declaration and Power of Attorney For Patent Application**  
**Erklärung Für Patentanmeldungen Mit Vollmacht**  
**German Language Declaration**

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:

dass mein Wohnsitz, meine Postanschrift, und meine Staatsangehörigkeit den im Nachstehenden nach meinem Namen aufgeführten Angaben entsprechen, dass ich, nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent für die Erfindung mit dem Titel beantragt wird:

**Schaltungsanordnung auf einem Substrat und Verfahren zum Herstellen der Schaltungsanordnung auf dem Substrat**

deren Beschreibung hier beigefügt ist, es sei denn (in diesem Falle Zutreffendes bitte ankreuzen), diese Erfindung

wurde angemeldet am 12.07.2004 unter der US-Anmeldenummer oder unter der Internationalen Anmeldenummer im Rahmen des PCT-Vertrags PCT/EP2004/051458 und am \_\_\_\_\_ abgeändert (falls zutreffend).

Ich bestätige hiermit, dass ich den Inhalt der obigen Patentanmeldung einschliesslich der Ansprüche, die eventuell durch einen Zusatzantrag wie oben erwähnt abgeändert wurde, durchgesehen und verstanden habe.

Ich erkenne meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Titel 37, Code of Federal Regulations, § 1.56 von Belang sind.

Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Title 35, United States Code, § US-Code, § 119 (a)-(d), bzw. § 365(b) aller unten aufgeführten Auslandsanmeldungen für Patente oder Erfinderurkunden, oder § 365(a) aller PCT internationalen Anmeldungen, welche wenigstens ein Land ausser den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch ankreuzen sämtliche Auslandsanmeldungen für Patente bzw. Erfinderurkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**Schaltungsanordnung auf einem Substrat und Verfahren zum Herstellen der Schaltungsanordnung auf dem Substrat**

the specification of which is attached hereto unless the following box is checked:

was filed on 12.07.2004  
as United States Application Number or PCT International Application Number PCT/EP2004/051458 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority under Title 35, 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**German Language Declaration**

**Prior foreign applications  
Priorität beansprucht**

			<b>Priority Claimed</b>	
<u>10335153.1</u>	<u>DE</u> (Number) (Nummer)	<u>31.07.2003</u> (Day Month Year Filed) (Tag Monat Jahr eingereicht)	<input checked="" type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
			<input type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
			<input type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
			<input type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein

Ich beanspruche hiermit die mir unter Title 35, US-Code, § 120 zustehenden Vorteile aller unten aufgeführten US-Patentanmeldungen bzw. § 365(c) aller PCT internationalen Anmeldungen, welche die Vereinigten Staaten von Amerika benennen, und erkenne, insofern der Gegenstand eines jeden früheren Anspruchs dieser Patentanmeldung nicht in einer US-Patentanmeldung, bzw. PCT internationalen Anmeldung in einer gemäß dem ersten Absatz von Title 35, US-Code, § 112 vorgeschriebenen Art und Weise offenbart wurde, meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Title 37, Code of Federal Regulations, § 1.56 von Belang sind und die im Zeitraum zwischen dem Anmeldetag der früheren Patentanmeldung und dem nationalen oder im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesens (PCT) gültigen internationalen Anmeldetags bekannt geworden sind,

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>PCT/EP2004/051458</u> (Application Serial No.) (Anmeldeseriennummer)	<u>12.07.2004</u> (Filing Date D, M, Y) (Anmeldedatum T, M, J)	<u>anhängig</u> (Status) (patentiert, anhängig, aufgegeben)	<u>pending</u> (Status) (patented, pending, abandoned)
---	--	---	--

<u>(Application Serial No.)</u> (Anmeldeseriennummer)	<u>(Filing Date D, M, Y)</u> (Anmeldedatum T, M, J)	<u>(Status)</u> (patentiert, anhängig, aufgegeben)	<u>(Status)</u> (patented, pending, abandoned)
--	--	---	---

Ich erkläre hiermit, daß alle in der vorliegenden Erklärung von mir gemachten Angaben nach bestem Wissen und Gewissen der Wahrheit entsprechen, und ferner daß ich diese eidesstattliche Erklärung in Kenntnis dessen ablege, daß wissentlich und vorsätzlich falsche Angaben oder dergleichen gemäß § 1001, Title 18 des US-Code strafbar sind und mit Geldstrafe und/oder Gefängnis bestraft werden können und daß derartige wissentlich und vorsätzlich falsche Angaben die Rechtswirksamkeit der vorliegenden Patentanmeldung oder eines aufgrund deren erteilten Patentes gefährden können.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### German Language Declaration.

**VERTRETUNGSVOLMACHT:** Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent- und Markenamt (Name(n) und Registrationsnummer(n) aufisten)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)

And I hereby appoint

Customer No. 21171

Telefongespräche bitte richten an:  
(Name und Telefonnummer)

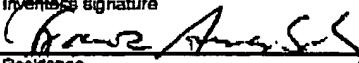
Direct Telephone Calls to: (name and telephone number)

Ext. \_\_\_\_\_

Postanschrift:

Send Correspondence to:

**Staas & Halsey LLP Intellectual Property Attorneys**  
**1201 New York Avenue, NW, Suite 700 20005 Washington UNITED STATES OF AMERICA**  
**Telephone: (001) 202 434 1500 and Facsimile (001) 202 434 1501**  
**or**  
**Customer No. 21171**

Voller Name des einzigen oder ursprünglichen Erfinders:	Full name of sole or first inventor:	
<b>Dr. Franz Auerbach</b>	<b>Dr. Franz Auerbach</b>	
Unterschrift des Erfinders	Datum	Inventor's signature
	9.1.2006	
Wohnsitz	Residence	
<b>Soest, GERMANY</b>	<b>Soest, GERMANY</b>	
Villach, AUSTRIA	Villach, AUSTRIA	
Staatsangehörigkeit	Citizenship	
<b>DE</b>	<b>DE</b>	
Postanschrift	Post Office Address	
<b>Sehmückersweg 6- Mittagskogelweg 10</b>	<b>Sehmückersweg 6- Mittagskogelweg 10</b>	
<b>59494 Soest 9523 Villach</b>	<b>59494 Soest 9523 Villach</b>	
<b>GERMANY</b>	<b>AUSTRIA</b>	
Voller Name des zweiten Miterfinders (falls zutreffend):	Full name of second joint inventor, if any:	
<b>Bernd Gutsmann</b>	<b>Bernd Gutsmann</b>	
Unterschrift des Erfinders	Datum	Inventor's signature
		Date
Wohnsitz	Residence	
<b>Weyhe, GERMANY</b>	<b>Weyhe, GERMANY</b>	
Staatsangehörigkeit	Citizenship	
<b>DE</b>	<b>DE</b>	
Postanschrift	Post Office Address	
<b>Fliederstr. 19</b>	<b>Fliederstr. 19</b>	
<b>28844 Weyhe</b>	<b>28844 Weyhe</b>	
<b>GERMANY</b>	<b>GERMANY</b>	

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).

### German Language Declaration

VERTRETUNGSVOLMACHT: Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent- und Markenamt (Name(n) und Registrationsnummer(n) aufstellen)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)

And I hereby appoint

Customer No. 21171

Telefongespräche bitte richten an:  
(Name und Telefonnummer)

Direct Telephone Calls to: (name and telephone number)

Ext. \_\_\_\_\_

Postanschrift:

Send Correspondence to:

Staas & Halsey LLP Intellectual Property Attorneys  
1201 New York Avenue, NW, Suite 700 20005 Washington UNITED STATES OF AMERICA  
Telephone: (001) 202 434 1500 and Facsimile (001) 202 434 1501  
or  
Customer No. 21171

Voller Name des einzigen oder ursprünglichen Erfinders:	Full name of sole or first inventor:	
<b>Dr. Franz Auerbach</b>	<b>Dr. Franz Auerbach</b>	
Unterschrift des Erfinders	Datum	Inventor's signature
<i>Bernd Gutsmann</i>	<i>14.01.2006</i>	<i>Bernd Gutsmann</i>
Wohnsitz	Residence	
<b>Soest, GERMANY</b>	<b>Soest, GERMANY</b>	
Staatsangehörigkeit	Citizenship	
<b>DE</b>	<b>DE</b>	
Postanschrift	Post Office Address	
<b>Schmückersweg 6</b>	<b>Schmückersweg 6</b>	
<b>59494 Soest</b>	<b>59494 Soest</b>	
<b>GERMANY</b>	<b>GERMANY</b>	
Voller Name des zweiten Miterfinders (falls zutreffend):	Full name of second joint inventor, if any:	
<b>Bernd Gutsmann</b>	<b>Bernd Gutsmann</b>	
Unterschrift des Erfinders	Datum	Inventor's signature
<i>Bernd Gutsmann</i>	<i>14.01.2006</i>	<i>Bernd Gutsmann</i>
Wohnsitz	Residence	
<b>Weyhe, GERMANY</b>	<b>Weyhe, GERMANY</b>	
Staatsangehörigkeit	Citizenship	
<b>DE</b>	<b>DE</b>	
Postanschrift	Post Office Address	
<b>Fliederstr. 19</b>	<b>Fliederstr. 19</b>	
<b>28844 Weyhe</b>	<b>28844 Weyhe</b>	
<b>GERMANY</b>	<b>GERMANY</b>	

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).

Voller Name des dritten Miterfinders: <b>Dr. Thomas Licht</b>	Full name of third joint inventor: <b>Dr. Thomas Licht</b>
Unterschrift des Erfinders <i>Thomas Licht</i>	Datum 30.12.2005
Wohnsitz <b>Warstein, GERMANY</b>	Residence <b>Warstein, GERMANY</b>
Staatsangehörigkeit <b>DE</b>	Citizenship <b>DE</b>
Postanschrift <b>Ostterrassse 5 59581 Warstein GERMANY</b>	Post Office Address <b>Ostterrassse 5 59581 Warstein GERMANY</b>
Voller Name des vierten Miterfinders: <b>Dr. Norbert Seliger</b>	Full name of fourth joint inventor: <b>Dr. Norbert Seliger</b>
Unterschrift des Erfinders	Datum
Wohnsitz <b>München, GERMANY</b>	Residence <b>München, GERMANY</b>
Staatsangehörigkeit <b>AT</b>	Citizenship <b>AT</b>
Postanschrift <b>Gnesener Str. 24 81929 München GERMANY</b>	Post Office Address <b>Gnesener Str. 24 81929 München GERMANY</b>
Voller Name des fünften Miterfinders: <b>Prof. Eckhard Wolfgang</b>	Full name of fifth joint inventor: <b>Prof. Eckhard Wolfgang</b>
Unterschrift des Erfinders	Datum
Wohnsitz <b>München, GERMANY</b>	Residence <b>München, GERMANY</b>
Staatsangehörigkeit <b>AT</b>	Citizenship <b>AT</b>
Postanschrift <b>Murnauerstr. 237 81379 München GERMANY</b>	Post Office Address <b>Murnauerstr. 237 81379 München GERMANY</b>
Voller Name des sechsten Miterfinders: <b>Jörg Zapf</b>	Full name of sixth joint inventor: <b>Jörg Zapf</b>
Unterschrift des Erfinders	Datum
Wohnsitz <b>München, GERMANY</b>	Residence <b>München, GERMANY</b>
Staatsangehörigkeit <b>DE</b>	Citizenship <b>DE</b>
Postanschrift <b>Dalandstr. 1 81927 München GERMANY</b>	Post Office Address <b>Dalandstr. 1 81927 München GERMANY</b>

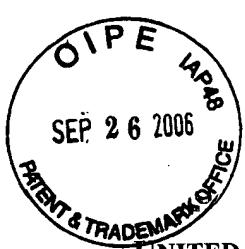
(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).

Voller Name des dritten Miterfinders: <b>Dr. Thomas Licht</b>	Full name of third joint inventor: <b>Dr. Thomas Licht</b>		
Unterschrift des Erfinders <i>Dr. Thomas Licht</i>	Datum 16/11/2006	Inventor's signature <i>Dr. Thomas Licht</i>	Date 16/11/2006
Wohnsitz <b>Warstein, GERMANY</b>	Residence <b>Warstein, GERMANY</b>		
Staatsangehörigkeit <b>DE</b>	Citizenship <b>DE</b>		
Postanschrift <b>Ostterrassse 5</b>	Post Office Address <b>Ostterrassse 5</b>		
<b>59581 Warstein GERMANY</b>	<b>59581 Warstein GERMANY</b>		
Voller Name des vierten Miterfinders: <b>Dr. Norbert Seliger</b>	Full name of fourth joint inventor: <b>Dr. Norbert Seliger</b>		
Unterschrift des Erfinders <i>N.N. Seliger</i>	Datum 16/11/2006	Inventor's signature <i>N.N. Seliger</i>	Date 16/11/2006
Wohnsitz <b>München, GERMANY</b>	Residence <b>München, GERMANY</b>		
Staatsangehörigkeit <b>AT</b>	Citizenship <b>AT</b>		
Postanschrift <b>Gnesener Str. 24</b>	Post Office Address <b>Gnesener Str. 24</b>		
<b>81929 München GERMANY</b>	<b>81929 München GERMANY</b>		
Voller Name des fünften Miterfinders: <b>Prof. Eckhard Wolfgang</b>	Full name of fifth joint inventor: <b>Prof. Eckhard Wolfgang</b>		
Unterschrift des Erfinders <i>Eckhard Wolfgang</i>	Datum 09/01/2006	Inventor's signature <i>Eckhard Wolfgang</i>	Date 09/01/2006
Wohnsitz <b>München, GERMANY</b>	Residence <b>München, GERMANY</b>		
Staatsangehörigkeit <b>AT</b>	Citizenship <b>AT</b>		
Postanschrift <b>Mumauerstr. 237</b>	Post Office Address <b>Mumauerstr. 237</b>		
<b>81379 München GERMANY</b>	<b>81379 München GERMANY</b>		
Voller Name des sechsten Miterfinders: <b>Jörg Zapf</b>	Full name of sixth joint inventor: <b>Jörg Zapf</b>		
Unterschrift des Erfinders <i>Jörg Zapf</i>	Datum 09/01/2006	Inventor's signature <i>Jörg Zapf</i>	Date 09/01/2006
Wohnsitz <b>München, GERMANY</b>	Residence <b>München, GERMANY</b>		
Staatsangehörigkeit <b>DE</b>	Citizenship <b>DE</b>		
Postanschrift <b>Dalandstr. 1</b>	Post Office Address <b>Dalandstr. 1</b>		
<b>81927 München GERMANY</b>	<b>81927 München GERMANY</b>		

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).



1454.1671/MH

MAY 26 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 26, 2006

PTAS

STAAS & HALSEY LLP  
ATTENTION: MARK J. HENRY  
1201 NEW YORK AVE., N.W., 7TH FLOOR  
WASHINGTON, D.C. 20005



UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/31/2006

REEL/FRAME: 017532/0273  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 1454.1671

ASSIGNEE:

AUERBACH, FRANZ

DOC DATE: 01/09/2006

ASSIGNEE:

LICHT, THOMAS

DOC DATE: 01/09/2006

ASSIGNEE:

WOLFGANG, ECKHARD

DOC DATE: 01/09/2006

ASSIGNEE:

GUTSMANN, BERND

DOC DATE: 01/20/2006

ASSIGNEE:

SELIGER, NORBERT

DOC DATE: 01/16/2006

ASSIGNEE:

ZAPF, JOERG

DOC DATE: 01/09/2006

ASSIGNEE:

~~SIEMENS AKTIENGESELLSCHAFT~~  
~~WITTELSBACHERPLATZ 2~~  
~~80333 MUNICH, GERMANY~~

SERIAL NUMBER: 10566439

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: CIRCUIT ARRANGEMENT PLACED ON A SUBSTRATE AND METHOD FOR PRODUCING  
THE SAME

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

02-08-2006

10566439  
U.S. DEPARTMENT OF COMMERCE

©2005 Staas &amp; Halsey LLP

103174112

RECEIVED U.S. PATENT AND TRADEMARK OFFICE JAN 2006

To the Director of the U.S. Patent and Trademark Office: Please record the aforesaid document.

## 1. Name of conveying party(ies):

1. Franz AUERBACH
2. Thomas LICHT
3. Eckhard WOLFGANG
4. Bernd GUTSMANN
5. Norbert SELIGER
6. Joerg ZAPPF



## 2. Name and Address of receiving party(ies):

**SIEMENS AKTIENGESELLSCHAFT**  
 Witteisbacherplatz 2  
 80333 Munich  
 GERMANY

## 3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date(s): 1) January 9, 2006 2) January 9, 2006 3) January 9, 2006 4) January 20, 2006 5) January 16, 2006 6) January 9, 2006

## 4. Application number(s) or patent number(s):

This document is being filed together with a new application.

OR

This document is being filed after filing of the application:  
 (a) Patent Application No(s). \_\_\_\_\_, filed \_\_\_\_\_; or  
 (b) Patent No(s). , issued .

## 5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS & HALSEY LLP  
 Attention: Mark J. Henry  
 1201 New York Ave., N.W., 7th Floor  
 Washington, D.C. 20005

Our Docket: 1454.16716. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

Enclosed  
 Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)  
 (Attach duplicate copy of this page if paying by deposit account)

Mark J. Henry, Reg. No. 36,162  
 Name of Person Signing

M. J. Henry  
 Signature

Jan 31 2006  
 Date

Total number of pages including cover sheet: 6

DO NOT USE THIS SPACE

02/02/2006 MKAYPAH 00000048 193935 10566439

04 FC:8021

40.00 DA

©2005

Revised January, 2005

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record.**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER: \_\_\_\_\_**

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**